

**Table 4-4**

**Analytical Samples  
Site Investigation  
Range 4A Fog Oil Storage Area - Pelham Range, Parcel 123(6)  
Fort McClellan, Calhoun County, Alabama**

Parameters	Analysis Method	Sample Matrix	TAT Needed	Field Samples			QA/QC Samples <sup>a</sup>				EMAX
				No. of Sample Points	No. of Events	No. of Field Samples	Field Dups (10%)	MS/MSD (5%)	Trip Blank (1/ship)	Eq. Rinse (1/wk/matrix)	Total No. Analysis
Range 4A Fog Oil Storage Area: 8 water matrix samples (5 groundwater samples, 3 surface water); 13 soil matrix samples (5 surface soil samples, 5 subsurface soil samples, and 3 sediment samples)											
TCL VOCs	8260B	water	normal	8	1	8	2	2	2	1	17
TCL SVOCs	8270C	water	normal	8	1	8	2	2		1	15
Tot TAL Metals	6010B/7000	water	normal	8	1	8	2	2		1	15
TCL VOCs	8260B	soil	normal	13	1	13	2	2	0	1	20
TCL SVOCs	8270C	soil	normal	13	1	13	2	2		1	20
TAL Metals	6010B/7000	soil	normal	13	1	13	2	2		1	20
TOC	9060	soil	normal	3	1	3					3
Grain Size	ASTM D-421/D-422	soil	normal	3	1	3					3
				Subtotal:		69	12	12	2	6	113

<sup>a</sup>Field duplicate and MS/MSD samples were calculated as a percentage of the field samples collected per site and were rounded to the nearest whole number.

Trip blank samples will be collected in association with water matrix samples for VOC analysis only. Assumed four field samples per day to estimate trip blanks. Equipment rinsates will be collected once per event whenever sampling equipment is field decontaminated and re-used. Equipment rinsates will be repeated weekly for sampling events that are anticipated to last more than 1 week. Assumed 20 field samples will be collected per week to estimate number of equipment rinsates.

Ship samples to: EMAX Laboratories, Inc.  
630 Maple Avenue  
Torrance, California 90503  
Attn: Elizabeth McIntyre  
Tel: 310-618-8889  
Fax: 310-618-0818.

MS/MSD - Matrix spike/matrix spike duplicate.  
QA/QC - Quality assurance/quality control.  
SVOC - Semivolatile organic compound.  
TAL - Target analyte list.

TAT - Turn-around time.  
TCL - Target compound list.  
TOC - Total organic carbon.  
VOC - Volatile organic compound.